

FIG. 1

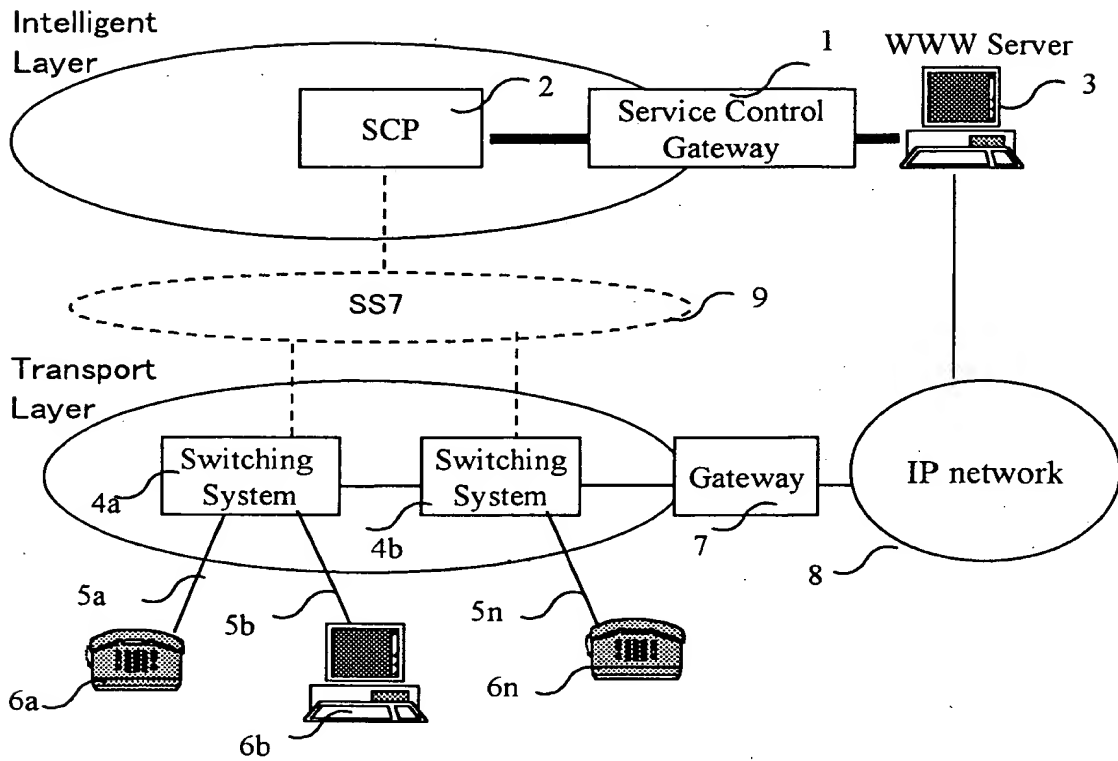


FIG. 2

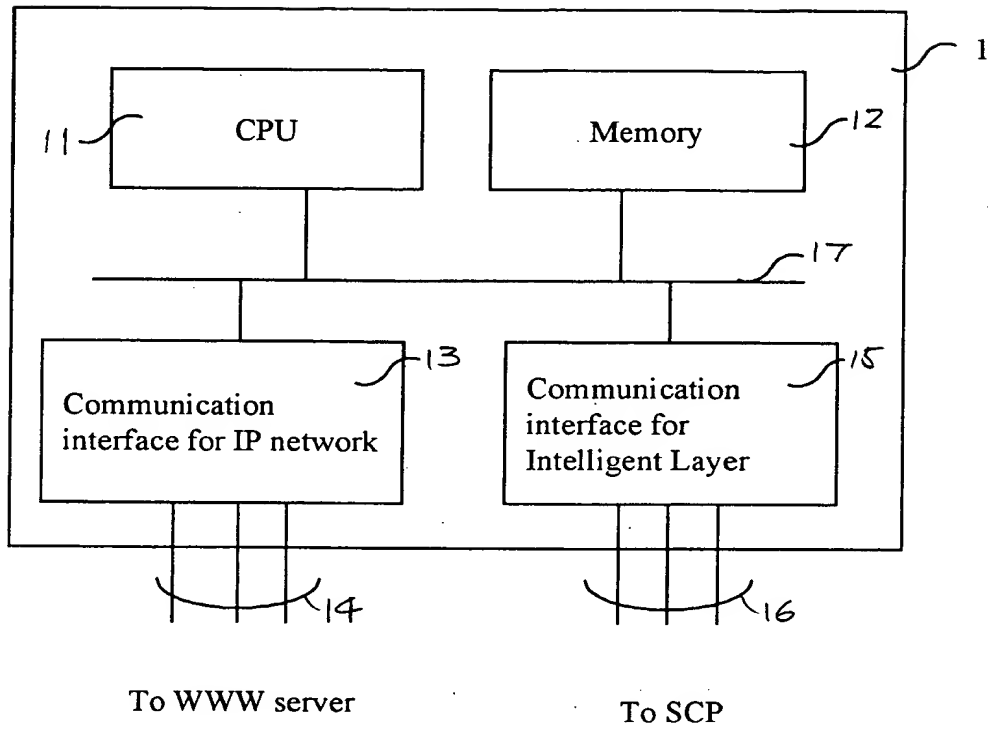


FIG. 3A

SCP Address Management Table 400

Type of Message	Network ID	SCP ID	Service No.
"IN Service Request"	I-X
"Notification Response"	I-X

401 402 403 404

FIG. 3B

User Management Table 410

User ID	TEL No.	Correlation ID-1	Correlation ID-2	WWW Server Address	State	URL

411 412 413 414 415 416 417

FIG. 4A

Request Management Table 430

Type of Message	Service Program No.

431 432

FIG. 4B

Service Management Table 440

Service Program No.	SCGW Address	Network ID	Service No.	URL

441 442 443 444 445

FIG. 4C

User State Management Table 450

User ID	State	Correlation ID

451 452 453

FIG. 5A

Service Decision Table

460

Trigger	Number Information	Service Key	Service No.	Service Program No.	
α	0120	—	—	100	460-1
β	—	Q	—	500	460-2
—	—	—	I-X	600	460-3
⋮				⋮	

461
462
463
464
465

FIG. 5B

User Information
Pointer Address Table470

Service Program No.	Telephone No.	Pointer Address	
500	0423231111	XX	470-1
500	0426210110	XY	470-2
600	0423231111	XX	470-3
⋮			

471
472
473

FIG. 5C

User Information Management Table

480

Address	User ID	Telephone No.	IP Access Flag	SCGW Address	Correlation ID-1
XX	AA	0423231111	1	XXX...XX	ZZZZ
XY	BB	0426210110	0	—	—

481
482
483
484
485
486

FIG. 6

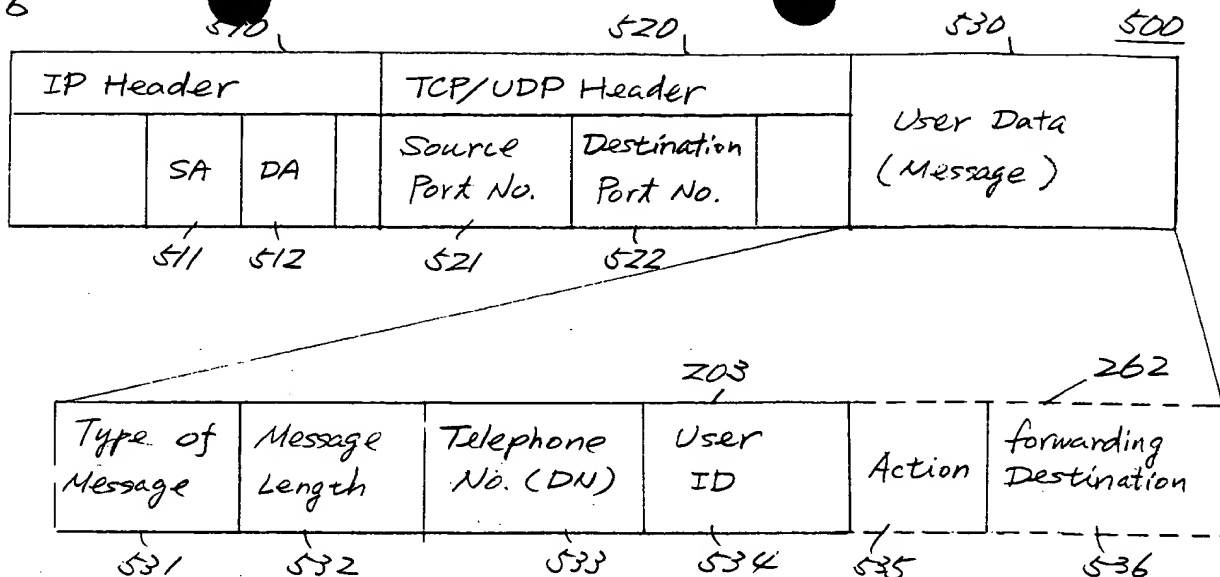


FIG. 7

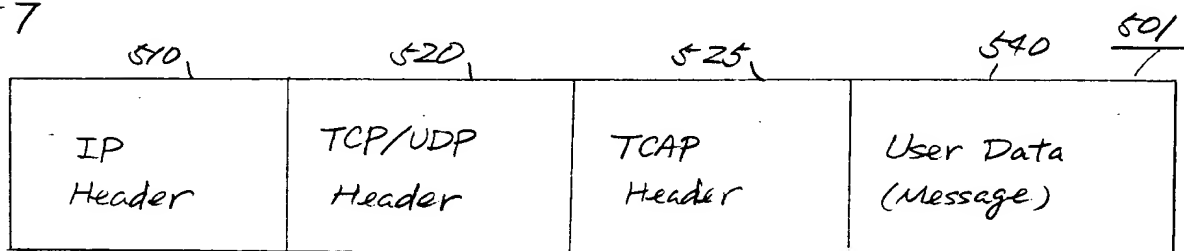


FIG. 8A

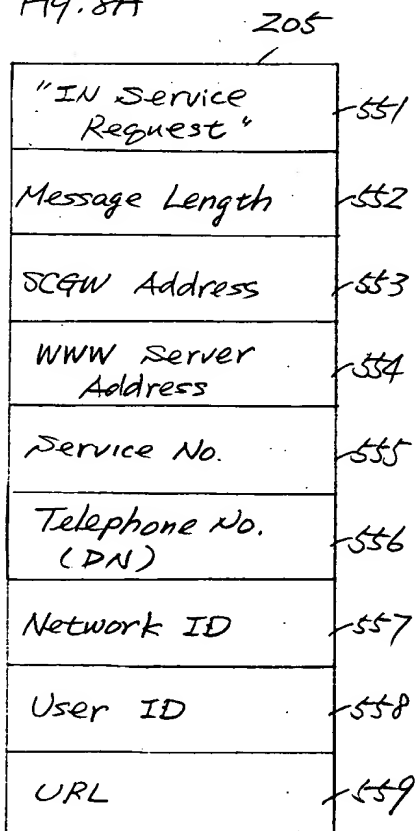


FIG. 8B

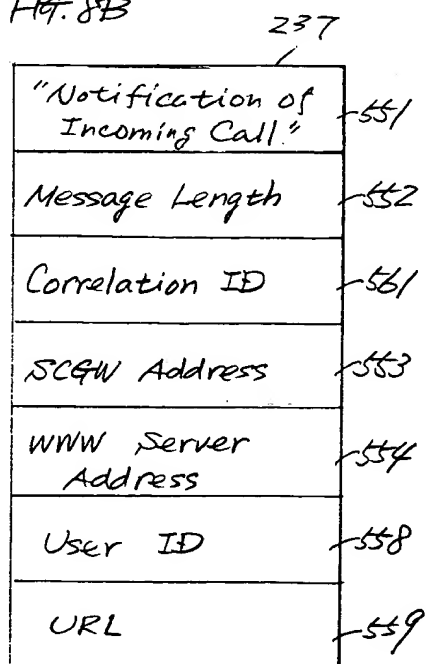


FIG. 8C

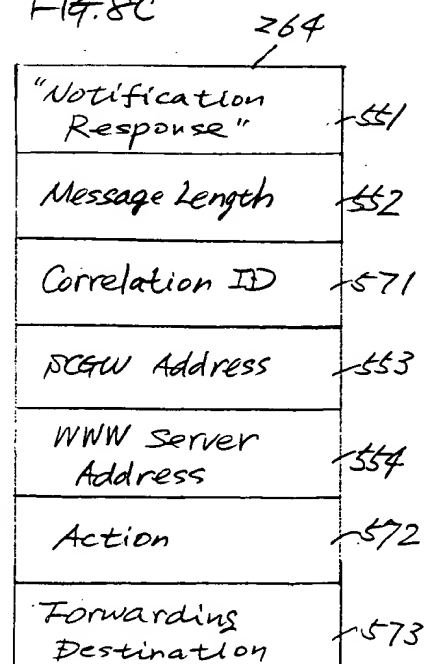


FIG. 9

800

Destination Point Code	Originating Point Code	Signalling Link Selection	SCCP Header	TCAP Header	User Data (Message)
801	802	803	804	805	810

FIG. 10A

"IN Service Request"	821
Message Length	822
Correlation ID	823
Source SCGW Address	824
Destination SCP Address	825
Service No.	826
Telephone No. (DN)	827
User ID	828

FIG. 10B

"Notification of Incoming Call"	821
Message Length	822
Correlation ID	823
Destination SCGW Address	831
Source SCP Address	832
Telephone No. (DN)	827
User ID	833

FIG. 10C

"Notification Response"	821
Message Length	822
Correlation ID	823
Source SCGW Address	824
Destination SCP Address	825
Action	841
Forwarding Destination	842

FIG. 11

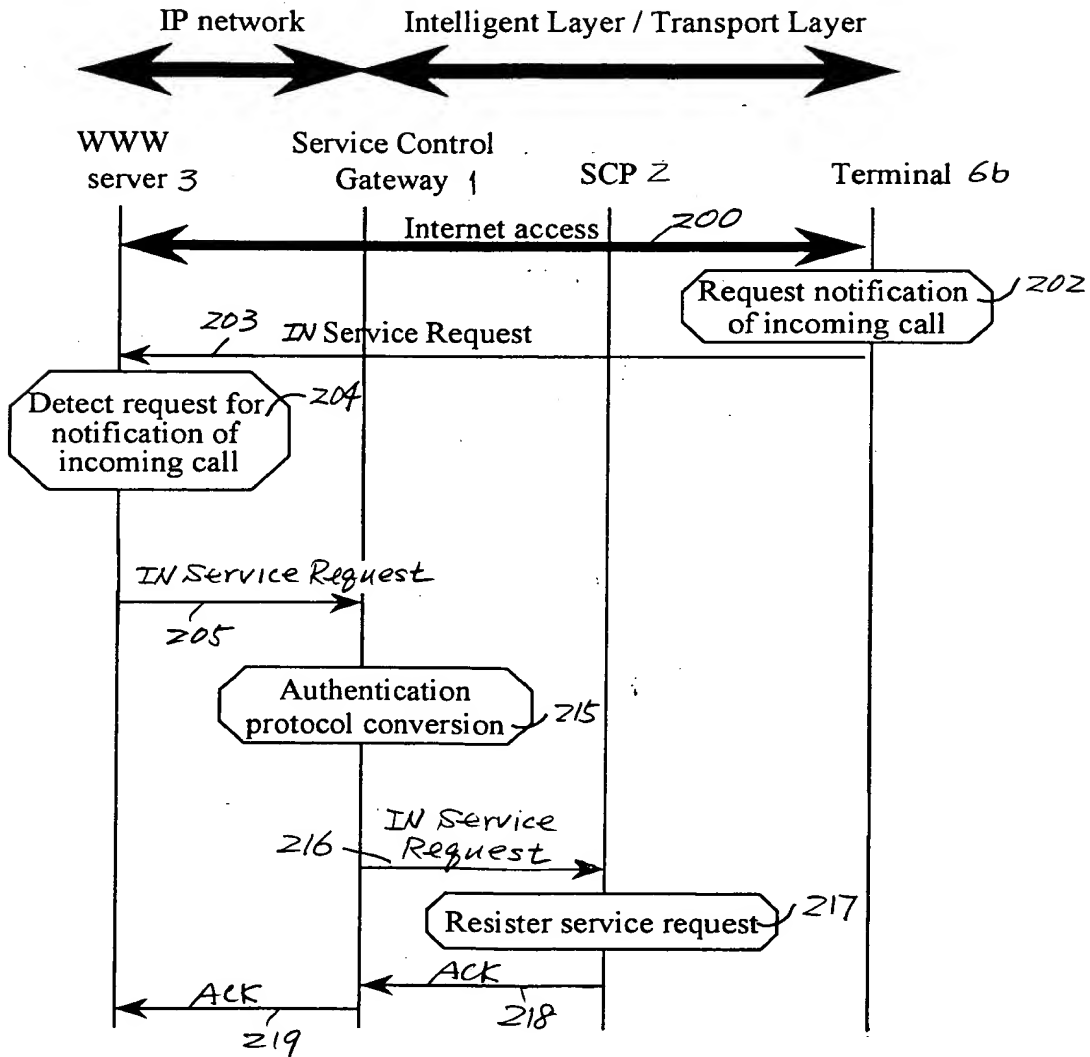


FIG. 12

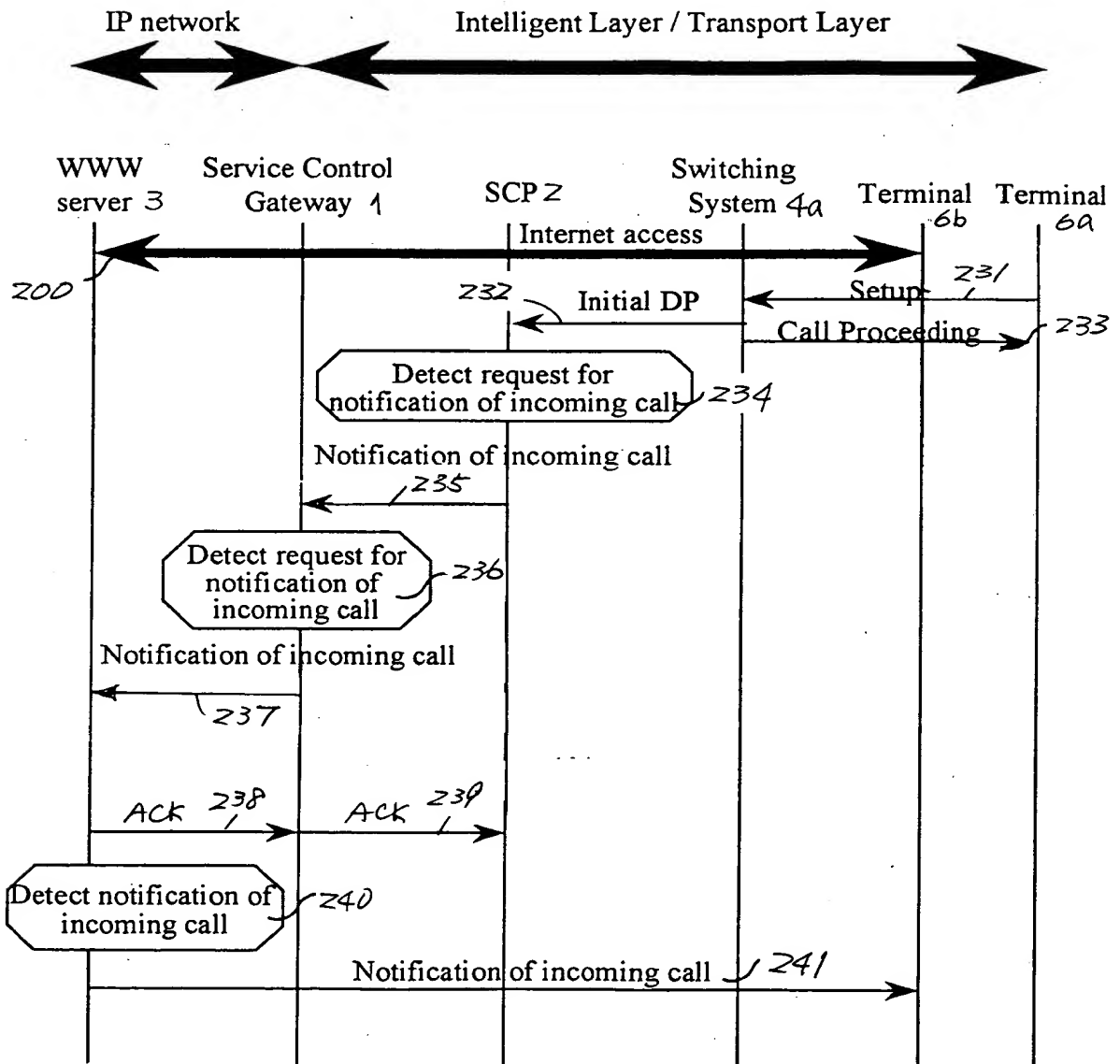


FIG. 13

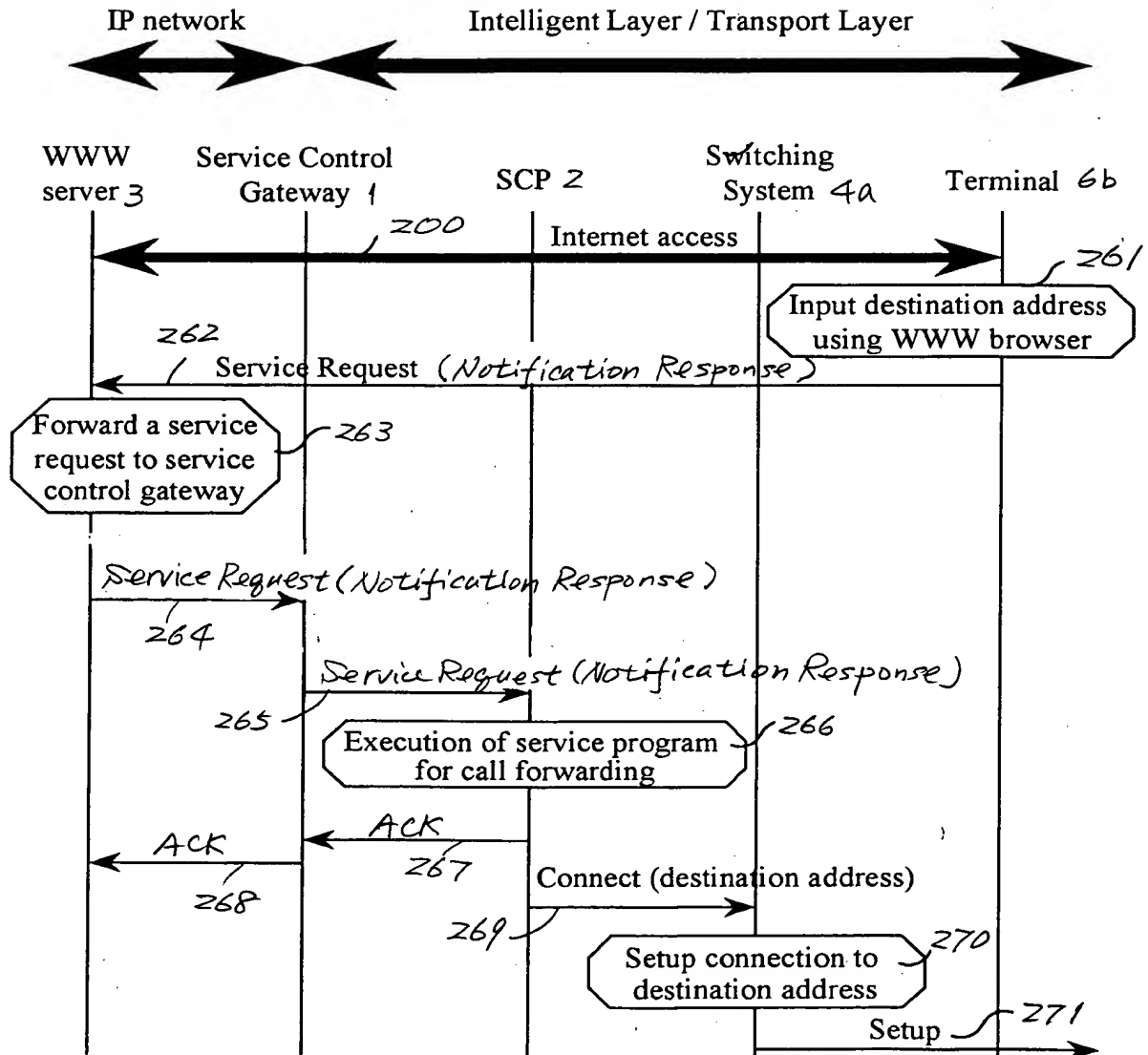


FIG. 14

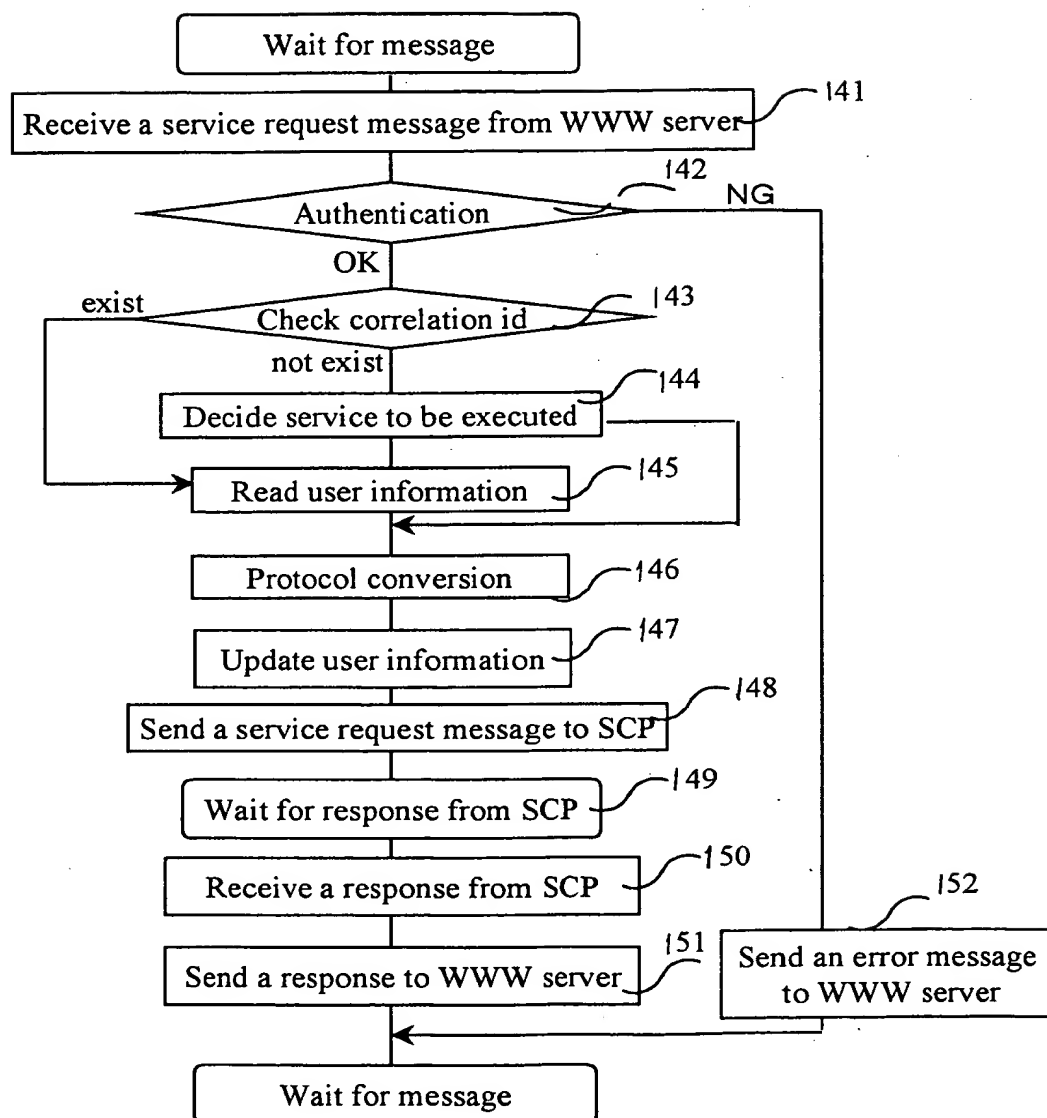


FIG. 15

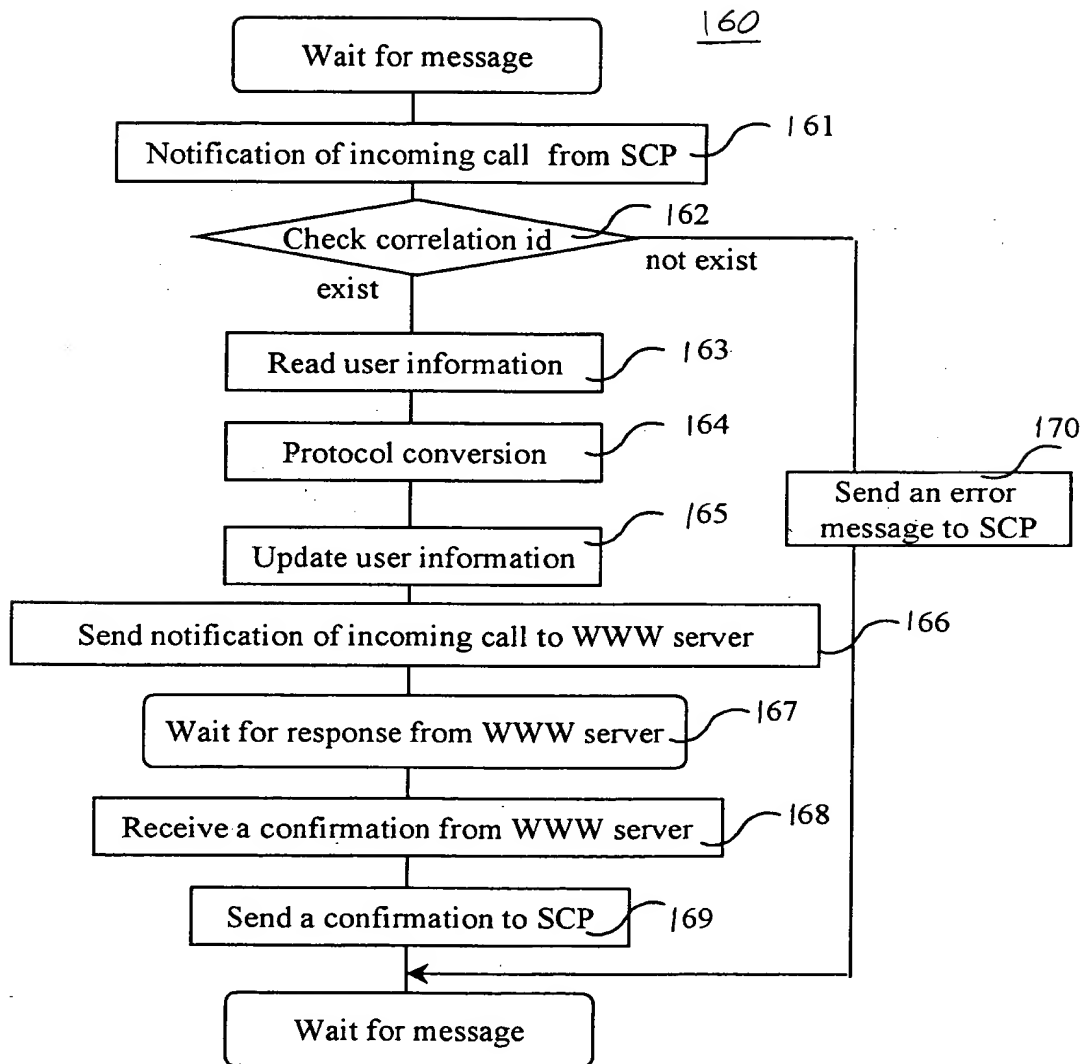


FIG. 16

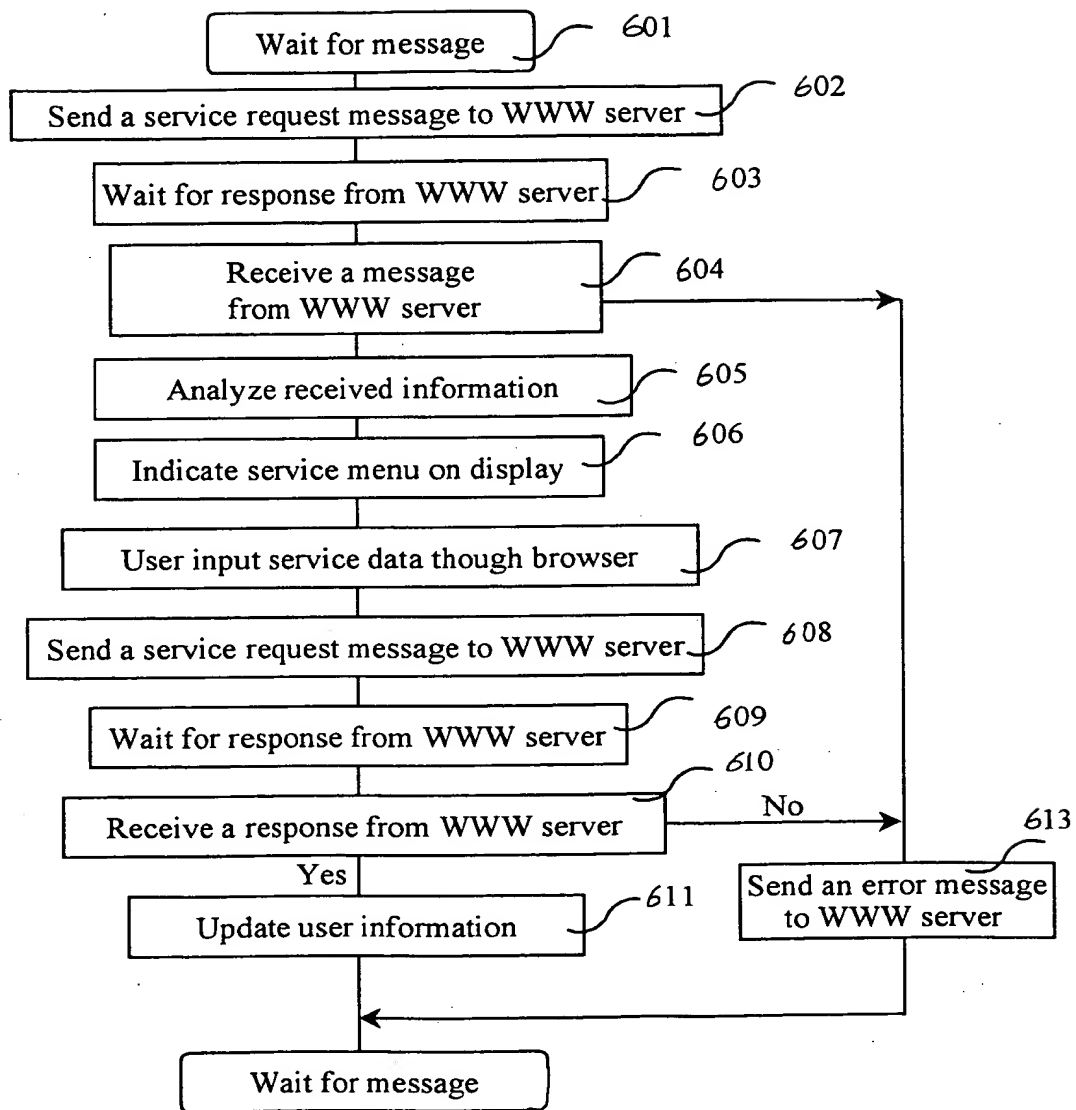


FIG. 17

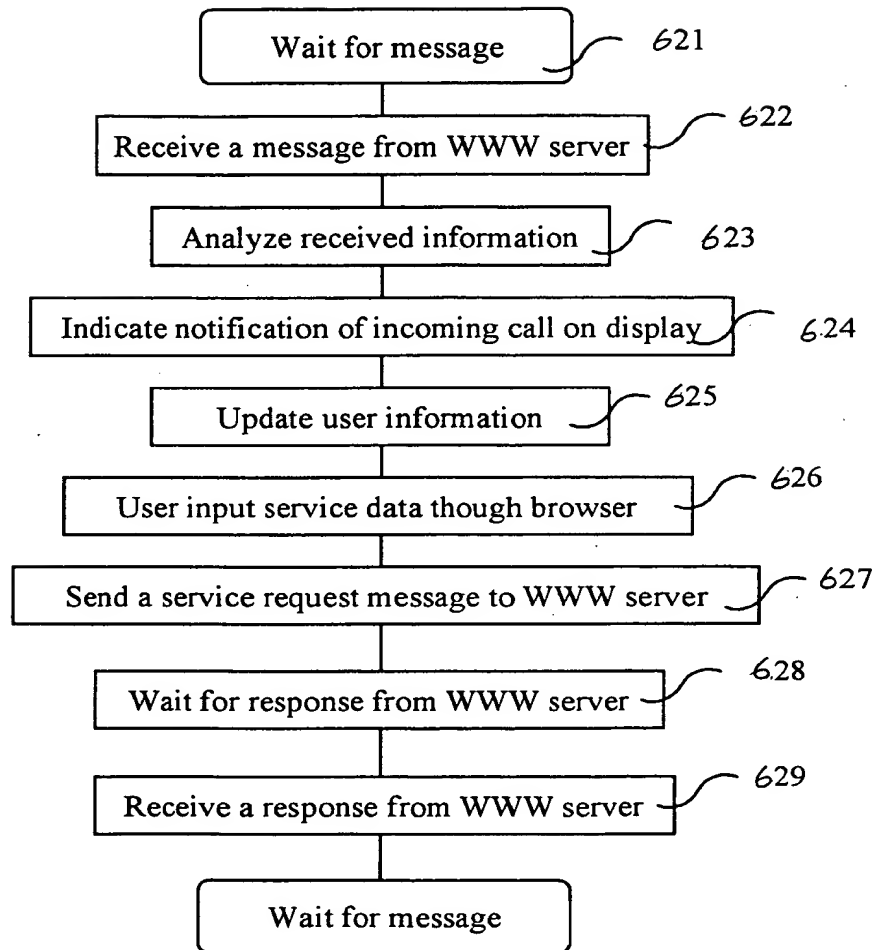


FIG. 18

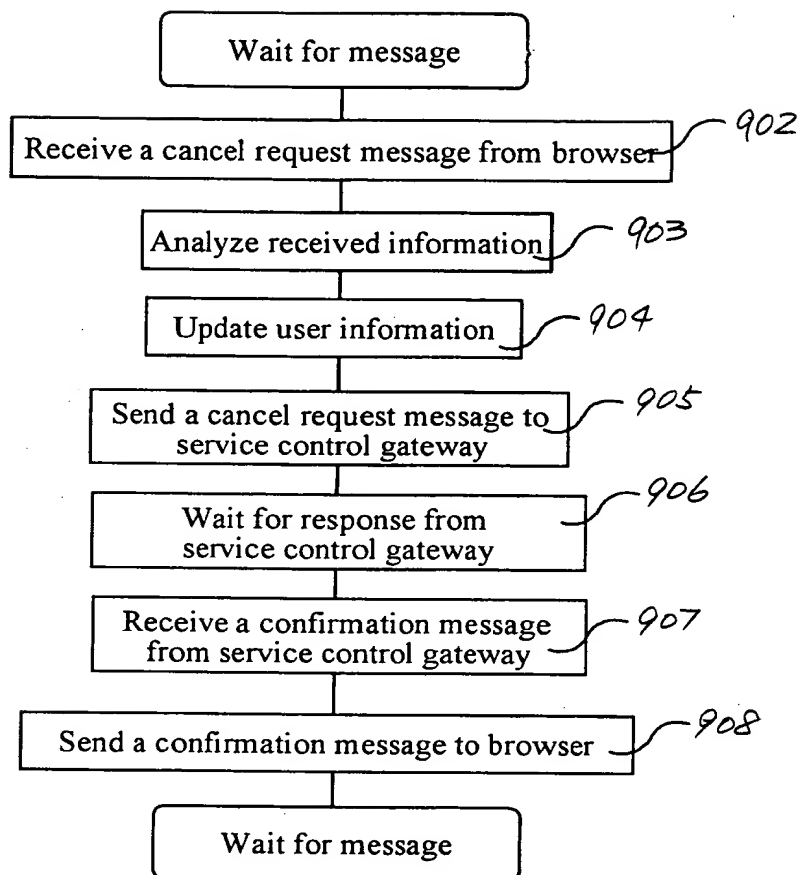


FIG. 19

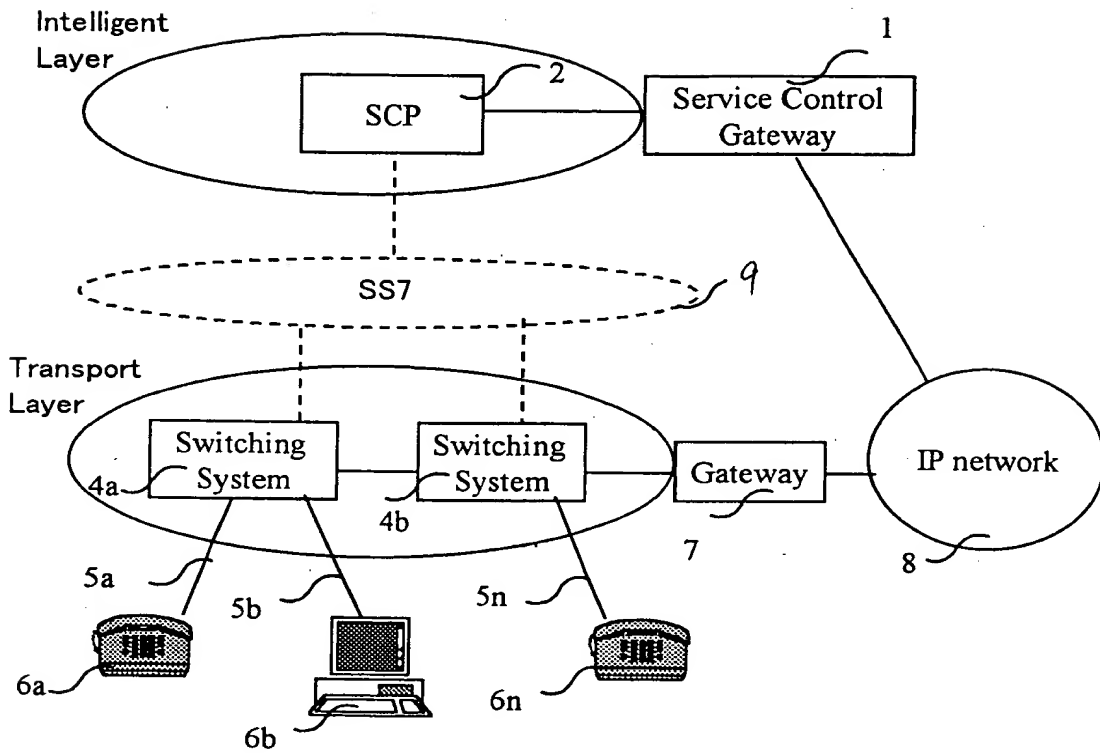


FIG. 20

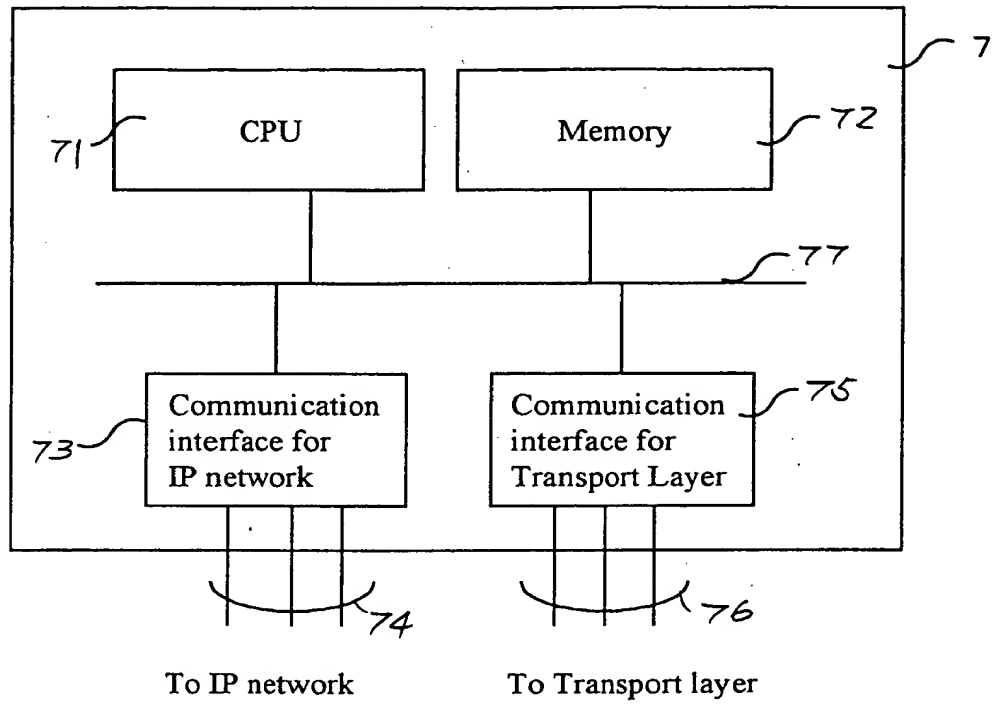


FIG. 21

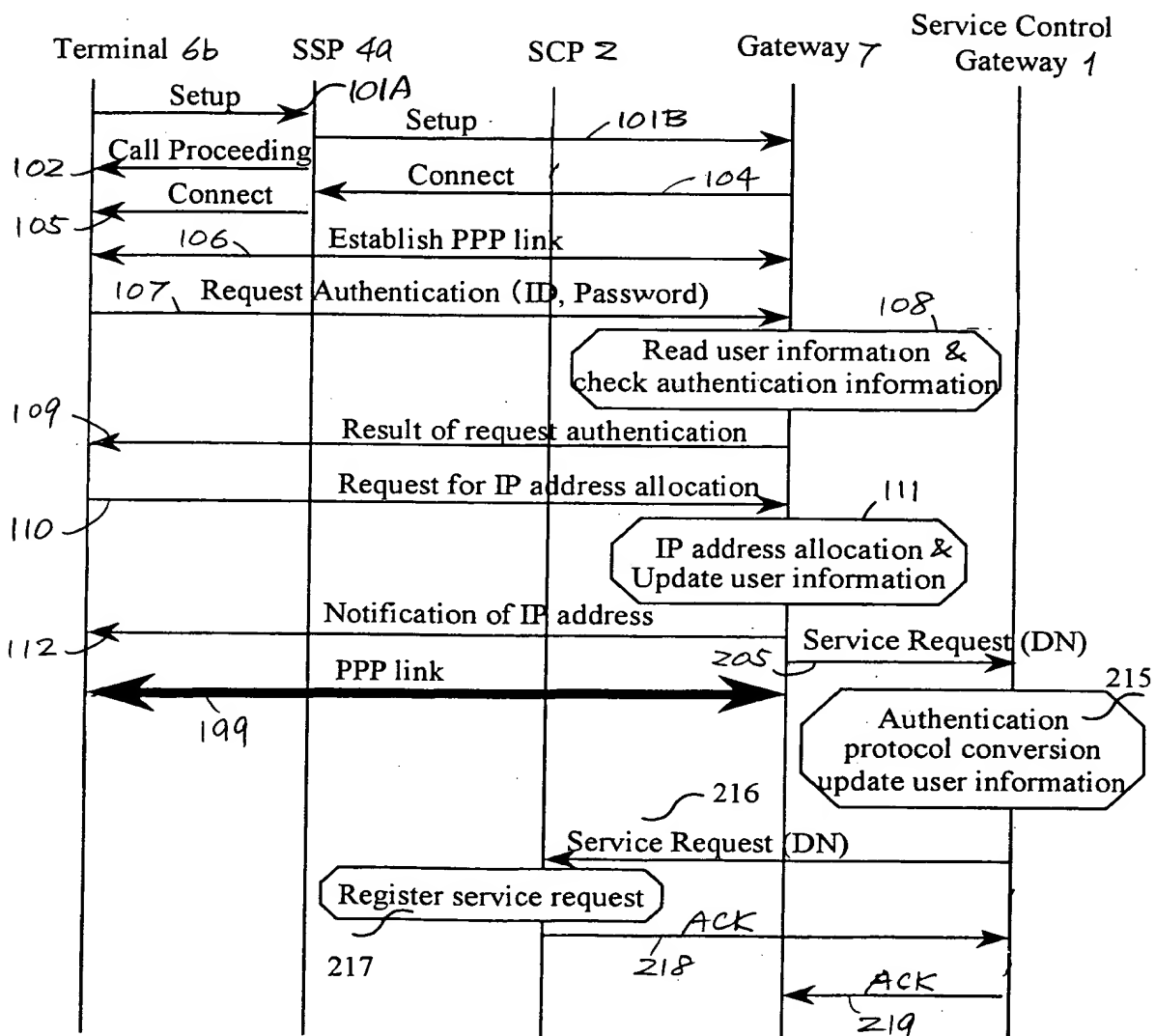


FIG. 22

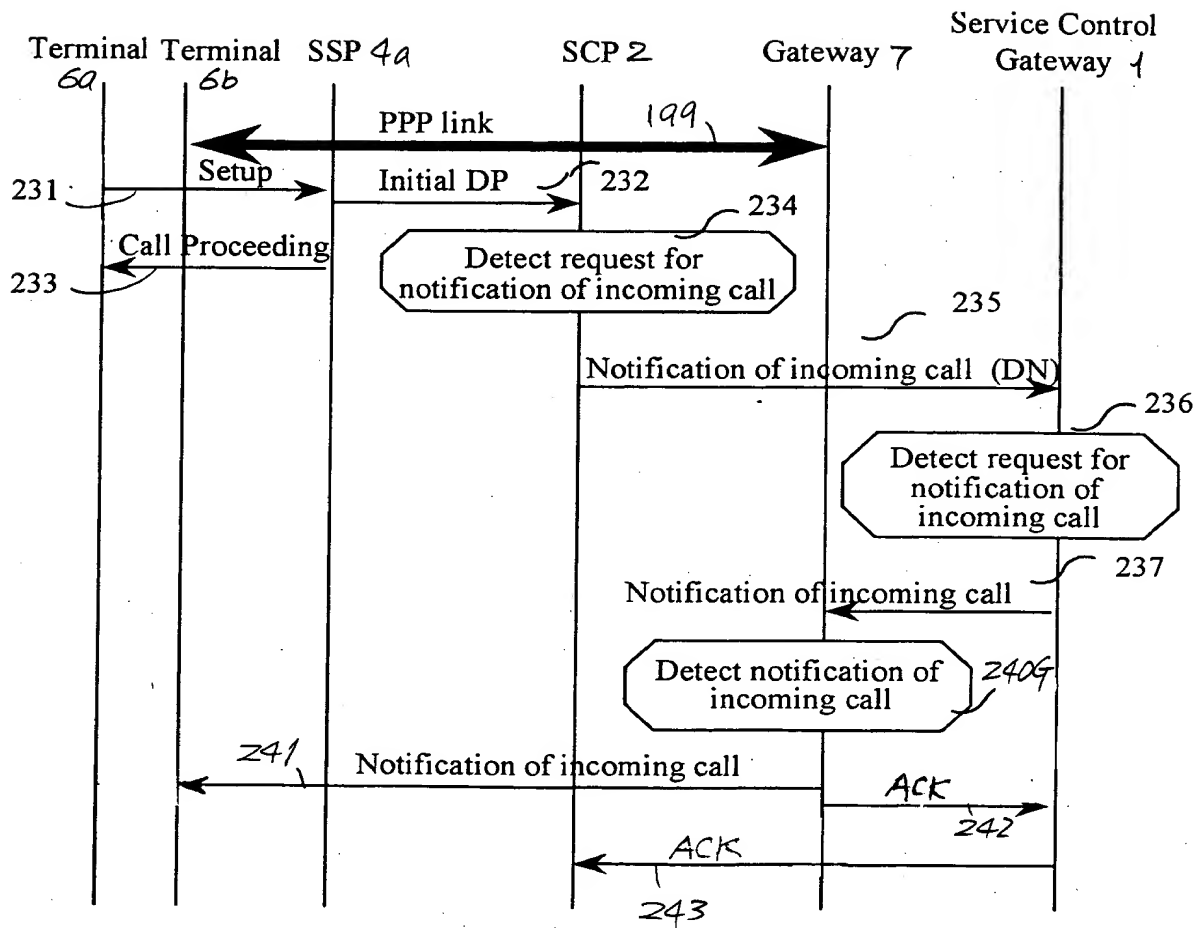


FIG. 23

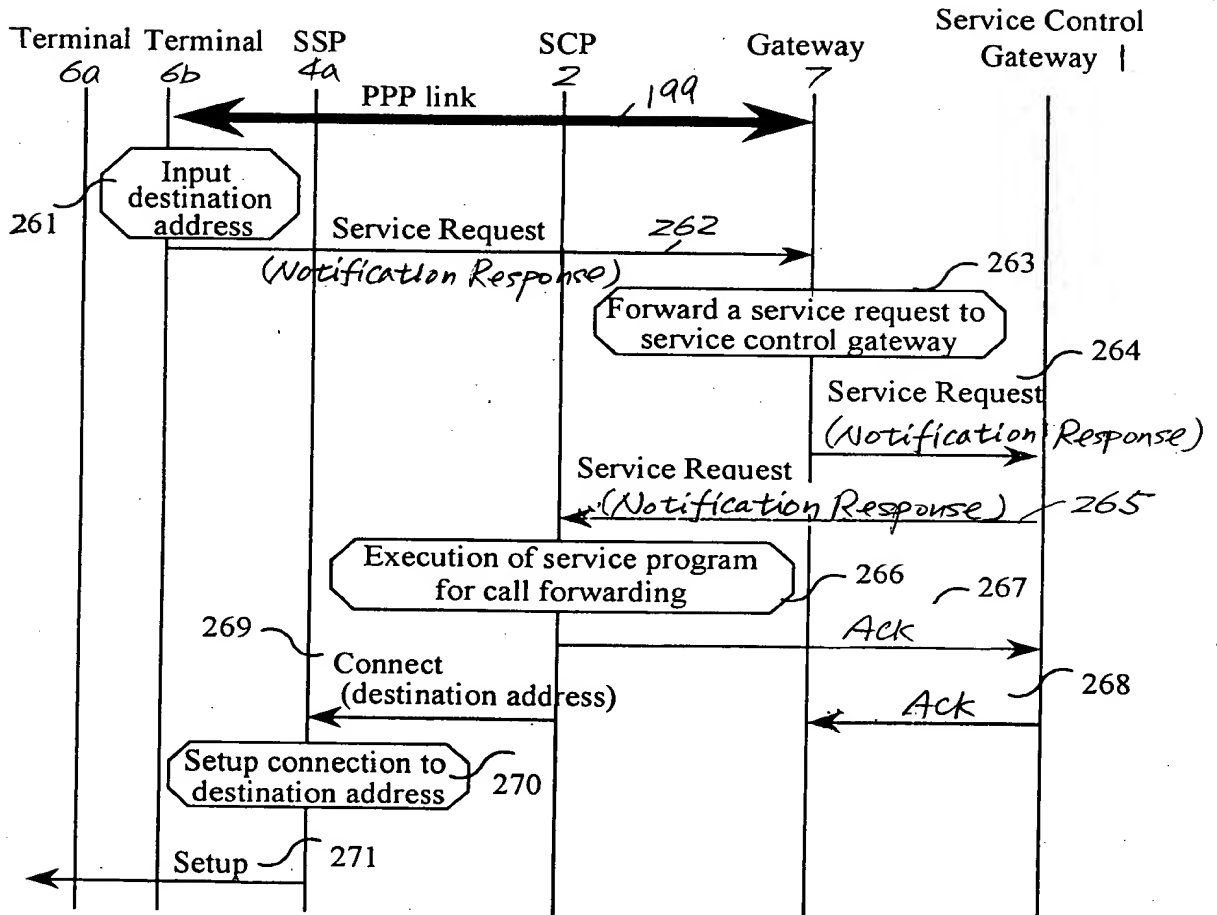


FIG. 24

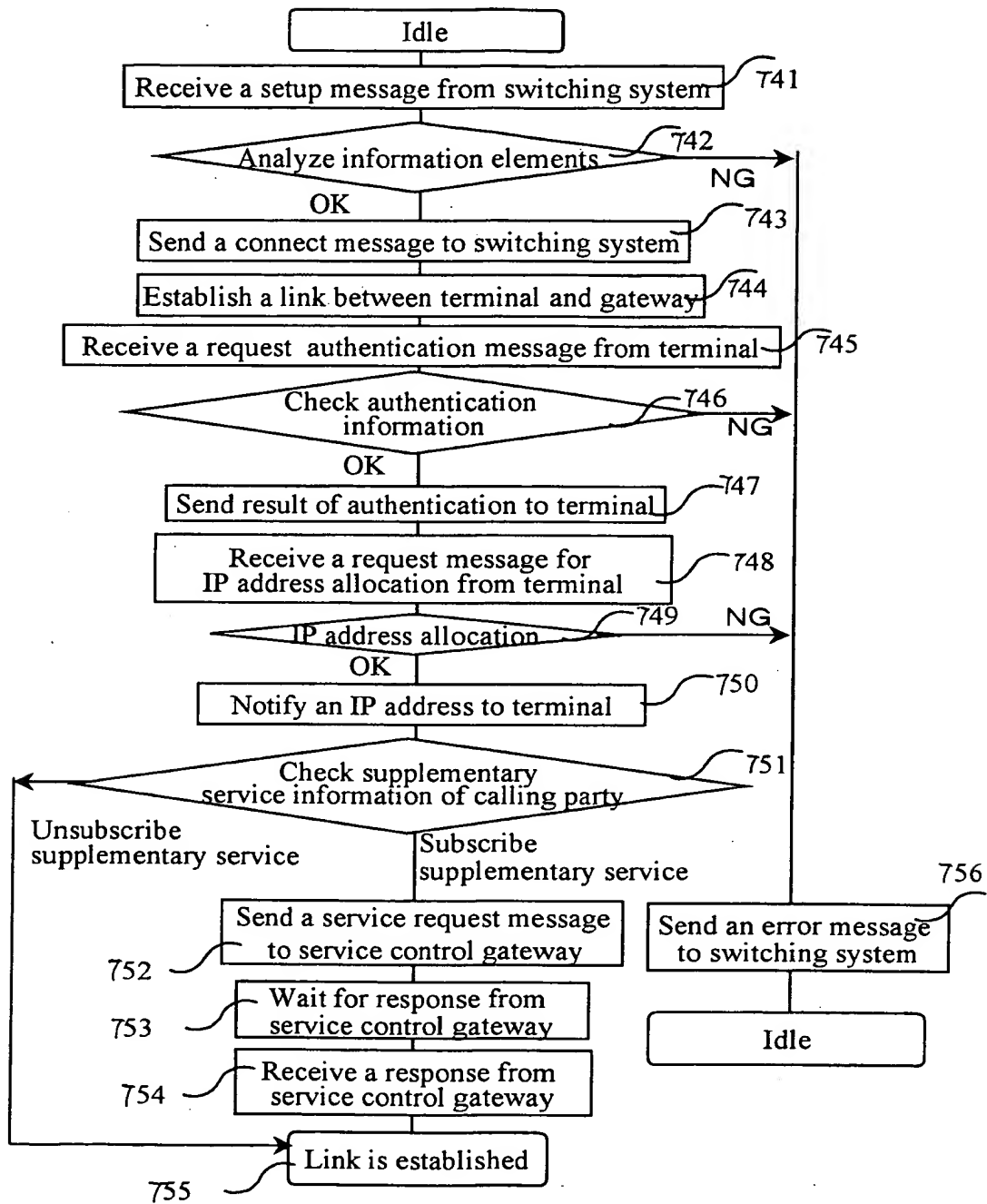


FIG. 25

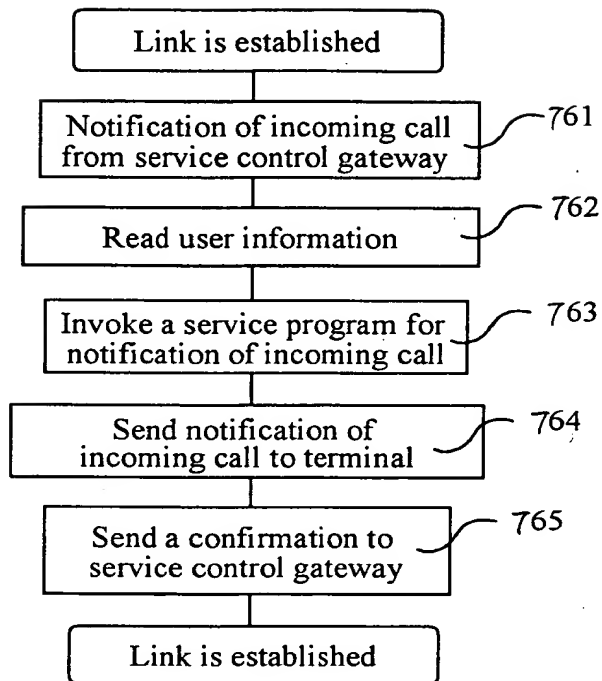


FIG. 26

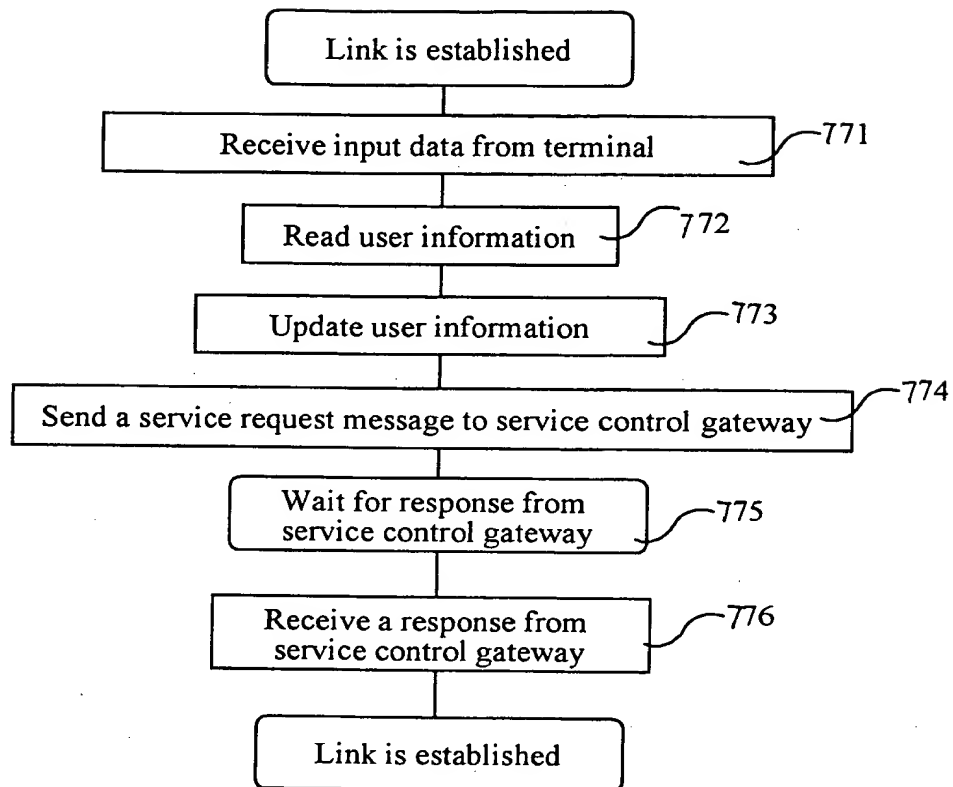


FIG. 27

